

Inventions and Discoveries

Imagine life without cars, phones or medicine! Scientific research, inventions and discoveries have enhanced our quality of life.



Diagonal Joins to Ascenders: Copy these joins and words relating to inventions. Remember, extend the exit to the top of the ascender, then retrace.



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invent computer injection help penicillin scientist phone

invention scientific antibiotic infection beaker laboratory

My brother likes to make his own inventions using chemicals!

Fine Motor Skills: Dr Karl is a scientist. Design a crazy lab coat for him. Fill it with test tubes, beakers and magnets or any other 'sciencey' items!

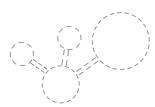
Print to Cursive: Find the most important facts in this passage and write them as dot points in your best cursive handwriting.

In 1928, Alexander Fleming, a professor at St. Mary's Hospital in London, was growing disease-causing bacteria in petri dishes. After he returned from holidays, he looked carefully at the dishes and noticed mould growing in one of them. To his surprise, this mould had created a bacteria-free ring around itself. He concluded that the mould had produced a substance that killed bacteria. He named this substance penicillin. Fleming and his colleagues tried to purify penicillin but failed. It was not until 1940 that Australian scientist Howard Florey and Ernst Chain from the University of Oxford developed a successful way to extract and purify the drug.

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Fine Motor Skills: Penicillin is an antibiotic used to help treat bacterial infections. Look at its fascinating molecular structure. Draw and colour your own imaginary molecular structure or copy this one.





ISBN 978 1 74135 292 4 Writing Time 6 New South Wales **7**

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Rune Code Using the rune key, write your name. Then write a secret message for your friends to decipher.	a F h N i S S S S S S S S S S S S S S S S S S	p K q ❖ x	V X X Y Y
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